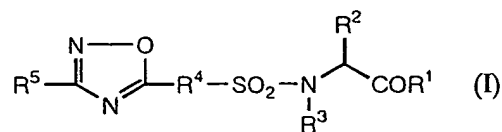


CLAIMS

1. A pharmaceutical composition for inhibiting matrix metalloproteinases containing a compound of the general formula (I), a prodrug, a pharmaceutically acceptable salt, or a solvate thereof as an active ingredient:



wherein R¹ is hydroxy;

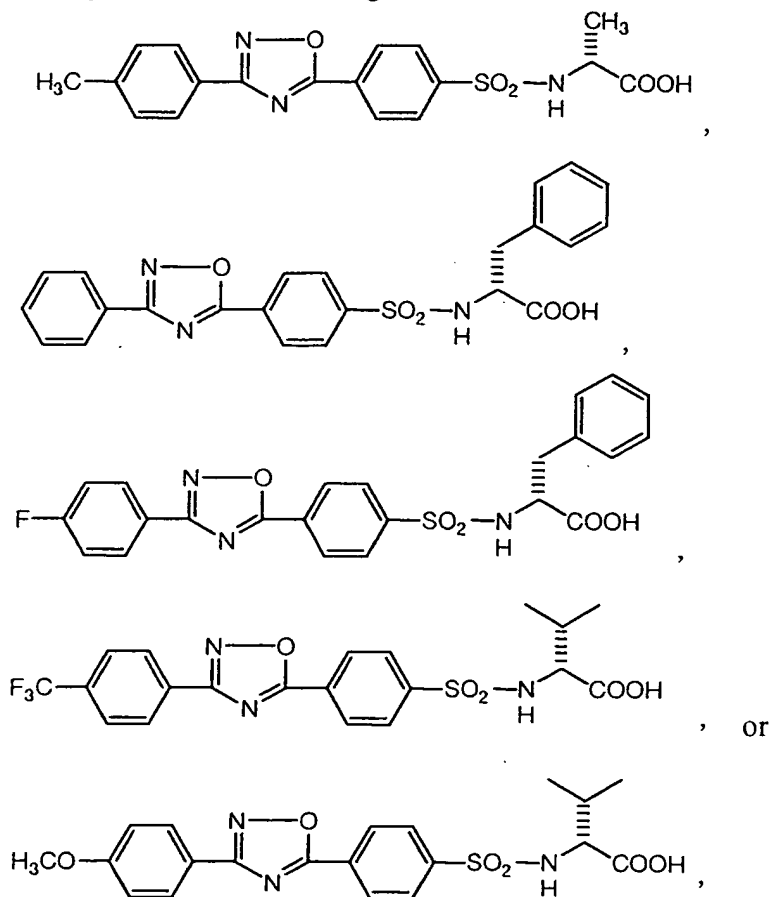
R² is hydrogen, optionally substituted lower alkyl, optionally substituted aryl, or optionally substituted aralkyl;

R³ is hydrogen, optionally substituted lower alkyl, optionally substituted aryl, or optionally substituted aralkyl;

R⁴ is unsubstituted phenylene; and

R⁵ is optionally substituted aryl.

2. A compound of the following formula:



a prodrug, or a pharmaceutically acceptable salt, or a solvate thereof.

3. A pharmaceutical composition which contains as an active ingredient a compound as described in claim 1.

4. A pharmaceutical composition which contains as an active ingredient a compound as described in claim 2.

5. A method for inhibiting matrix metalloproteinases by administering to a mammal a therapeutically effective amount of a compound as described in claim 1.

6. A method for inhibiting matrix metalloproteinases by administering to a mammal a therapeutically effective amount of a compound as described in claim 2.

7. The method according to claim 5 wherein the mammal is a human.

8. The method according to claim 6 wherein the mammal is a human.

9. A method for treating lung cancer which comprises administering to a mammal a therapeutically effective amount of the compound of claim 1.

10. A method of treating lung cancer by administering to a mammal a therapeutically effective amount of the compound as described in claim 2.